

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/856, 907B
Source: 1600
Date Processed by STIC: 02/02/2006

ENTERED



1600

RAW SEQUENCE LISTING

DATE: 02/02/2006

PATENT APPLICATION: US/09/856,907B

TIME: 09:26:49

Input Set : A:\Bradbury corrected final.ST25.txt

Output Set: N:\CRF4\02022006\I856907B.raw

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3 <110> APPLICANT: Bradbury, Andrew
4   Sblattero, Daniele
6 <120> TITLE OF INVENTION: METHODS FOR THE PREPARATION OF NUCLEIC ACID AND POLYPEPTIDE
7   LIBRARIES AND USES THEREOF
9 <130> FILE REFERENCE: 6278
11 <140> CURRENT APPLICATION NUMBER: US 09/856,907B
12 <141> CURRENT FILING DATE: 2001-05-29
14 <160> NUMBER OF SEQ ID NOS: 14
16 <170> SOFTWARE: PatentIn version 3.3
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 11
20 <212> TYPE: PRT
21 <213> ORGANISM: Artificial
26 <220> FEATURE:
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28 <222> LOCATION: (1)..(11)
29 <223> OTHER INFORMATION: loxP linker
31 <400> SEQUENCE: 1
33 Ile Thr Ser Tyr Asn Val Tyr Tyr Thr Lys Leu
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38 <211> LENGTH: 15
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial
42 <220> FEATURE:
43 <223> OTHER INFORMATION: synthetic linker
46 <220> FEATURE:
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48 <222> LOCATION: (1)..(15)
50 <400> SEQUENCE: 2
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57 <211> LENGTH: 5281
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial
62 <220> FEATURE:
W--> 63 <221> NAME/KEY:
64 <222> LOCATION: (1)..(5281)
65 <223> OTHER INFORMATION: D1.3 VH expression plasmid
67 <400> SEQUENCE: 3
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70 accattaggc ggccgctact gttgaaagt gtttagcaaa acctcataca gaaaattcat      120

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72 ttactaacgt ctggaagac gacaaaactt tagatcgta cgctaactat gagggtgtc 180
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76 gggttcctat tgggcttgct atccctgaaa atgaggggtgg tggctctgag ggtggcggtt 300
78 ctgaggggtgg cggttctgag ggtggcggtta ctaaacctcc tgagtacggt gatacaccta 360
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82 accccgctaa tcctaatact tctcttgagg agtctcagcc tcttaatact ttcagtgttc 480
84 agaataatag gttccgaaat aggaggggtg cattaactgt ttatacgggc actgttactc 540
86 aaggcactga ccccggttaa acttattacc agtacactcc tgtatcatca aaagccatgt 600
88 atgacgctta ctggaacggt aaattcagag actgcgcttt ccattctggc tttaatgagg 660
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166 accacgatgc ctgtagcaat ggcaacaacg ttgcgcaaac tattaactgg cgaactactt 3000
168 actctagctt cccggcaaca attaatagac tggatggagg cggataaagt tgcaggacca 3060

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170 cttctgcgct cggcccttcc ggctggctgg tttattgctg ataaatctgg agccggtgag 3120
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184 acaaaaaaac caccgctacc agcgggtggtt tgtttgccgg atcaagagct accaactctt 3540
186 tttccgaagg taactggctt cagcagagcg cagataccaa atactgtcct tctagtgtag 3600
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240 caagttttct taaaaatgaa cagtctgcac actgatgaca cagccgtcta ctactgcgcg 5220
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244 g

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247 <210> SEQ ID NO: 4

248 <211> LENGTH: 6

249 <212> TYPE: PRT

250 <213> ORGANISM: Artificial

255 <220> FEATURE:

W--> 256 <221> NAME/KEY:

257 <222> LOCATION: (1)..(6)

258 <223> OTHER INFORMATION: His Tag

260 <400> SEQUENCE: 4

262 His His His His His His

263 1 5

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Input Set : A:\Bradbury corrected final.ST25.txt

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266 <210> SEQ ID NO: 5
267 <211> LENGTH: 41
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial
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274 <222> LOCATION: (1)..(41)
275 <223> OTHER INFORMATION: primer VHback-DAN
277 <400> SEQUENCE: 5
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281 <210> SEQ ID NO: 6
282 <211> LENGTH: 39
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial
288 <220> FEATURE:
W--> 289 <221> NAME/KEY:
290 <222> LOCATION: (1)..(39)
291 <223> OTHER INFORMATION: primer VHfor2-DAN
293 <400> SEQUENCE: 6
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297 <210> SEQ ID NO: 7
298 <211> LENGTH: 41
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial
305 <220> FEATURE:
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307 <222> LOCATION: (1)..(41)
308 <223> OTHER INFORMATION: primer VK2back-DAN
310 <400> SEQUENCE: 7
311 agcaagcggc gcgcatgccg acatcgagct caccagtcct c 41
314 <210> SEQ ID NO: 8
315 <211> LENGTH: 47
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial
322 <220> FEATURE:
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324 <222> LOCATION: (1)..(47)
325 <223> OTHER INFORMATION: primer VK2for-DAN
327 <400> SEQUENCE: 8
328 gaagttatgg tcgacctcc ggaacgtttg atctcgagct tggctccc 47
331 <210> SEQ ID NO: 9
332 <211> LENGTH: 40
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial
338 <220> FEATURE:
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340 <222> LOCATION: (1)..(40)
341 <223> OTHER INFORMATION: primer VLbackPT1
343 <400> SEQUENCE: 9

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344 cgctggattg ttattactcg cagcaagcgg cgcgcatgcc      40
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348 <211> LENGTH: 39
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial
354 <220> FEATURE:
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356 <222> LOCATION: (1)..(39)
357 <223> OTHER INFORMATION: primer VLbackPT2
359 <400> SEQUENCE: 10
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363 <210> SEQ ID NO: 11
364 <211> LENGTH: 38
365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial
370 <220> FEATURE:
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372 <222> LOCATION: (1)..(38)
373 <223> OTHER INFORMATION: primer VHforPT1
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380 <211> LENGTH: 40
381 <212> TYPE: DNA
382 <213> ORGANISM: Artificial
387 <220> FEATURE:
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389 <222> LOCATION: (1)..(40)
390 <223> OTHER INFORMATION: primer VHforPT2
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398 <212> TYPE: DNA
399 <213> ORGANISM: Artificial
404 <220> FEATURE:
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406 <222> LOCATION: (1)..(57)
407 <223> OTHER INFORMATION: primer VLforPTL
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410 accgctcgag gataacttcg tatagtatac attatacgaa gttatggtcg accctcc      57
413 <210> SEQ ID NO: 14
414 <211> LENGTH: 58
415 <212> TYPE: DNA
416 <213> ORGANISM: Artificial
420 <220> FEATURE:
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422 <222> LOCATION: (1)..(58)
423 <223> OTHER INFORMATION: primer VHbackPTL

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/02/2006
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14

VERIFICATION SUMMARY

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Input Set : A:\Bradbury corrected final.ST25.txt

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L:27 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:47 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:63 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:256 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:273 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:289 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:306 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:323 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:339 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:355 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
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L:388 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:421 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14